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Borough of Berwick-upon-Tweed

MINISTRY OF HEALTH LIBRARY

ANNUAL REPORT

OF THE

Medical Officer of Health

1958

P. W. MACLAGAN, M.D., Medical Officer of Health

How & Blackhall, Printers, 77, Marygate, Berwick.

Borough of Berwick-upon-Tweed

ANNUAL REPORT

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P. W. MACLAGAN, M.D., Medical Officer of Health

To the Mayor, Aldermen and Councillors
of the Borough of Berwick-upon-Tweed.

Mr. Mayor, Ladies and Gentlemen,

I have the honour to submit my annual and last full report as your Medical Officer of Health on the health and sanitary conditions of the Borough of Berwick-upon-Tweed for the year ended 31st December, 1958, and I wish to take this opportunity to record my thanks to the staff of the Public Health Department who have carried out their duties very efficiently and also to the Members of the Council, both past and present over the whole of the forty years I have served as your Medical Officer of Health. I sincerely hope that my successor will be given similar help and assistance during his term of office.

The births this year numbered 283 giving a birth-rate of 22.64 compared with 275 and a birth-rate of 21.91 for 1957. Infantile mortality is 21.73 per 1,000 live births compared with 21.81 for 1957. England and Wales is 22.5 for 1958.

The total number of deaths is 182 giving a death-rate of 13.41 compared with 176 and a death-rate of 12.64 for 1957. The death-rate for England Wales is 11.7 for 1958.

The average age at death in the Borough during the year was 73 years and one month and of the total number of deaths (182) 76 per cent. were of persons over 65 years of age. There is an increase in the birth-rate and also an increase in the death rate for 1958.

Immunisation against various infectious diseases is carried out at the Child Welfare Clinics and Doctors' Surgeries.

No cases of Diphtheria have been reported during the past ten years.

Infectious Diseases. Eight cases of notifiable diseases were reported during the year : Whooping Cough, 5 ; Scarlet Fever, 2 ; Measles, 1.

Tuberculosis : Thirteen new cases of Pulmonary Tuberculosis and two new cases of non-pulmo nary tuberculosis were reported during the year just ended.

I have the honour to be,
Mr. Mayor, Ladies and Gentlemen,
Your obedient Servant,
P. W. MACLAGAN, M.D.,
Medical Officer of Health.

STAFF

Medical Officer of Health : P. W. MACLAGAN, M.D.

Public Health Inspector : DOUGLAS S. HALLEY, M.R.S.H., M.A.P.H.I.

Pupil Public Health Inspector : GEORGE K. HOPE.

Clerk, Mr. JOHN JOHNSON.

Sections A. and F.

STATISTICS AND GENERAL CONDITIONS

General Statistics

Area—7,126 acres.

Population—1951 census, 12,550 (1931 census, 12,299). R.G. est. mid-year, 1958, 12,620.

Number of inhabited houses—4,257.

Rateable Value—£123,401 (as at 31st March, 1958).

Sum represented by 1d. rate—£480 (as at 31st March, 1958).

VITAL STATISTICS

Extracts from Vital Statistics

BIRTHS.

	Males	Females	Total	Rate
Legitimate	133	142	275	
Illegitimate	5	3	8	
(Reg.-Gen.) Totals	138	145	283	22.64

DEATHS.

	Males	Females	Total	Rate
(Registrar-General) ...	83	99	182	13.41

Number of Women dying in consequence of Child-birth—Nil.

Do. from Sepsis ... ... Nil.

Do. from other causes ... Nil.

Deaths of Infants under 1 year—

	Males	Females	Total	Rate per 1,000
Legitimate	3	2	5	21.73
Illegitimate	1	1	2	
Deaths from Measles (all ages) ...	0	0	0	
Do. Whooping Cough ...	0	0	0	
Do. Diphtheria	0	0	0	
Do. Diarrhoea	0	0	0	
Do. Scarlet Fever ...	0	0	0	
Do. Tuberculosis (Pul.)...	0	0	0	
Do. do. (non-Pul.)	0	0	0	

Comparative Birth Rates, Death Rates, Analysis of Maternal Mortality Death Rates, and Case Rates of Certain Infectious Diseases

Births—

	No.	Rates per 1,000 population Berwick	Eng. & Wales
Live	283	22.64	16.4
Still	6	21.2	21.6

Deaths—

All causes	182	13.41	11.7
Typhoid and Para. Fever ...	0	0.00	
Smallpox	0	0.00	
Whooping Cough	0	0.00	
Diphtheria	0	0.00	
Influenza	0	0.00	
Meningococcal Infections	0	0.00	
Tuberculosis	0	0.00	
Acute Polio and Polio-enc.	0	0.00	
Pneumonia	2	0.14	

Notifications—

	No.	Rates per 1,000 population Berwick
Pneumonia	0	0.00
Food Poisoning	0	0.00
Gastro Enteritis	0	0.00
Erysipelas	0	0.00
Whooping Cough	5	0.36
Measles	1	0.07
Scarlet Fever	2	0.14

Rates per 1,000 Live Births—

Deaths under 1 year	7	21.73	22.5
Deaths from diarrhoea and enteritis under 2 years ...	0	0.00	

Maternal Mortality rates (per 1,000 total births, i.e., live and still)—

Puerperal Sepsis	0.00
Others	0.00
Total	0.00

Notifications—

Puerperal Fever	0.00
Puerperal Pyrexia ...	0.00

Population

The Registrar-General's estimation of the civilian population for mid-year 1958 is 12,620.

For comparative purposes the following is included :—

Population (Census 1881)	13,961
.. ,, 1891	13,362
,, ,, 1901	13,437
,, ,, 1911	13,075
,, ,, 1921	12,985
,, ,, 1931	12,299
,, ,, 1951	12,550
Housing Survey 1936	12,243
Housing Survey 1949	12,455
R.G. estimate of mid-year 1949	12,250
R.G. estimate of mid-year 1950	12,370
R.G. estimate of mid-year 1951	12,460
R.G. estimate of mid-year 1952	12,650
R.G. estimate of mid-year 1953	12,570
R.G estimate of mid-year 1954	12,570
R.G. estimate of mid-year 1955	12,630
R.G. estimate of mid-year 1956	12,670
R.G. estimate of mid-year 1957	12,670
R.G. estimate of mid-year 1958	12,620

Births

The births allocated to the Borough by the Registrar-General numbered 283 giving a birth-rate of 22.64. The equivalent figures for the previous year were 275 births and a rate of 21.91, and the birth-rate for England and Wales was 16.4.

The birth-rate is calculated on a population of 12,620, modified by a comparability factor.

There were eight illegitimate births (five males and three females) in the total of 283.

The distribution of births was as follows :—

	Boys	Girls	Total
Berwick	56	40	96
Tweedmouth	26	47	73
Spittal	16	18	34
Scottish	33	35	68
Inwards and others ...	7	5	12
	138	145	283

Compared with the previous year the township of Berwick shows 10 more births, Tweedmouth 14 less, Spittal two less, and Scottish and inwards three more.

Deaths

The number of deaths belonging to the Borough is 182, giving a death rate of 13.41, compared with 196 deaths and a rate of 12.64 for the previous year.

The death rate for 1958 is calculated on a population of 12,620 and is modified by a standardising factor to correct the death rate on account of the age and sex constitution of our population.

The distribution of the deaths was as follows :—

	Males	Females	Total
Berwick	43	45	88
Tweedmouth	23	35	58
Spittal	11	13	24
Inward Transfers	6	6	12
Total for Borough	83	99	182

Ages at Death

The tables of ages at death are shown with the percentage of total deaths at the various age periods, compared with the previous four years.

Ages	M.	F.	Total	1958	1957	1956	1955	1954
Under 1	4	3	7	3.85	3.40	6.90	4.55	2.60
1-5	1	0	1	0.55	0.00	0.00	0.00	0.00
5-15	0	1	1	0.55	0.57	0.00	1.01	0.00
15-25	1	0	1	0.55	0.57	0.00	0.50	1.04
25-45	2	1	3	1.65	3.40	4.02	1.51	1.56
45-60	12	6	18	9.90	9.66	11.50	11.62	11.98
60-65	3	9	12	6.60	6.82	8.62	5.05	9.90
65-70	11	6	17	9.35	15.34	8.62	13.64	9.38
70-80	28	38	66	36.25	35.23	33.33	33.33	38.55
80-90	21	24	45	24.72	22.73	23.57	25.76	22.91
90 up	0	11	11	6.03	2.28	3.44	3.03	2.08
	83	99	182	100.00	100.00	100.00	100.00	100.00

The following table, showing the percentage of total deaths at certain age periods for 1958, and compared with the average percentage of the 10 years 1949-58, is interesting. It is desirable to have a low percentage in Groups I, II, III and IV, and a high percentage in Group V.

	Age period	Av. % for 10 years 1949-58	% for 1958	Notes re percentage for 1958
I.	Babies under 1 ...	3.95	3.85	Below Normal
II.	Infants, 1-5	0.22	0.55	Above Normal
III.	School, 5-15 ...	0.50	0.55	Above Normal
IV.	Working, 15-65	23.30	18.70	Below Normal
V.	Retired, 65 up ...	72.03	76.35	Above Normal
		100.00	100.00	

Of the 182 deaths occurring in the Borough for the year 76 per cent. were of persons over 65 years of age.

Percentage of Total Deaths above 65 Years for five-year periods during 40 years, 1918-1957

1918	1919	1920	1921	1922	Av. %
41	40	43	51	47	44.0
1923	1924	1925	1926	1927	
43	41	42	45	47	43.0
1928	1929	1930	1931	1932	
53	42	49	54	57	51.0
1933	1934	1935	1936	1937	
53	48	50	56	59	53.0
1938	1939	1940	1941	1942	
48	65	58	57	62	58.0
1943	1944	1945	1946	1947	
52	65	65	60	62	60.0
1948	1949	1950	1951	1952	
70	69	66	70	73	69.0
1953	1954	1955	1956	1957	
73	73	75	69	75	73.0
1958					
76					

Causes of Death

The following table shows the classification of deaths from all causes (Registrar-General's figures) :—

		M.	F.	Totals
1.	Tuberculosis, respiratory	0	0	0
2.	Tuberculosis, other	0	0	0
3.	Syphilitic disease	0	0	0
4.	Diphtheria	0	0	0
5.	Whooping Cough	0	0	0
6.	Meningococcal infections	0	0	0
7.	Acute Poliomyelitis	0	0	0
8.	Measles	0	0	0
9.	Other infective and parasitic diseases ...	0	0	0
10.	Malignant neoplasm, stomach	2	2	4
11.	Malignant neoplasm, lung bronchus ...	5	1	6
12.	Malignant neoplasm, breast	0	0	0
13.	Malignant neoplasm, uterus	0	3	3
14.	Other malignant and lymphatic neoplasms	6	4	10
15.	Leukaemia	0	0	0
16.	Diabetes	0	1	1
17.	Vascular lesions of nervous system ...	16	18	34
18.	Coronary disease, angina	15	9	24
19.	Hipertension with heart disease	2	3	5
20.	Other heart disease	14	28	42
21.	Other circulatory disease	3	2	5
22.	Influenza	0	0	0
23.	Pneumonia	0	2	2
24.	Bronchitis	4	3	7
25.	Other diseases of respiratory system ...	0	0	0
26.	Ulcer of stomach and duodenum ...	0	0	0
27.	Gastritis, enteritis and diarrhoea ...	0	1	1
28.	Nephritis and nephrosis	1	2	3
29.	Hyperplasia of prostate	2	0	2
30.	Pregnancy, childbirth, abortion	0	0	0
31.	Congenital malformations	1	0	1
32.	Other defined and ill-defined diseases ...	10	17	27
33.	Motor vehicle accidents	0	0	0
34.	All other accidents	1	3	4
35.	Suicide	1	0	1
36.	Homicide and operations of war ...	0	0	0
	Totals	83	99	182

Infantile Mortality

Seven deaths under one year old belonging to the Borough were recorded, giving a rate of 21.73 per 1,000 live births, as compared with six deaths and a rate of 21.81 in the previous year. The corresponding rate for England and Wales for 1958 is 22.5.

Causes of Death of Children under One Year

Reg. No.	Age	M.	F.	Cause
254	4 hours	1	—	Prematurity
255	4 hours	—	1	Prematurity
353	1 day	1	—	Prematurity
361	2 hours	—	1	Atelactesis
382	2 hours	—	1	Atelactesis
436	2 hours	1	—	Spina Bifida
438	2 hours	1	—	Prematurity
		4	3	

Infectious Diseases

Eight cases of infectious diseases were notified as occurring amongst the civilian population.

Diphtheria Immunisation.—The immunisation of children now comes under the direction of the County Medical Officer of Health for Northumberland, and statistics for the Borough of Berwick-upon-Tweed will appear in his Annual Report.

NOTIFIABLE INFECTIOUS DISEASES OTHER THAN TUBERCULOSIS

	Notified	Removed to Hospital	Died
Pneumonia	—	—	—
Food Poisoning	—	—	—
Gastro enteritis	—	—	—
Paratyphoid	—	—	—
Measles	1	—	—
Whooping Cough	5	—	—
Erysipelas	—	—	—
Scarlet Fever	2	—	—
	8	—	—

NOTIFIABLE INFECTIOUS DISEASE TUBERCULOSIS

	New Cases				Total Deaths			
	Pul.		Non-pul.		Pul.		Non-pul.	
	M	F	M	F	M	F	M	F
Under 1 year	0	0	0	0	0	0	0	0
1-5 years	0	0	1	0	0	0	0	0
5-15 ,,	0	3	0	1	0	0	0	0
15-25 ,,	2	0	0	0	0	0	0	0
25-35 ,,	1	3	0	0	0	0	0	0
35-45 ,,	2	0	0	0	0	0	0	0
45-55 ,,	1	0	0	0	0	0	0	0
55-65 ,,	0	0	0	0	0	0	0	0
65 and upwards	1	0	0	0	0	0	0	0
Totals ...	7	6	1	1	0	0	0	0

REGISTERED CASES OF TUBERCULOSIS

	Pul.			Non-pul.			
	M.	F.	Tot.	M.	F.	Tot.	Tots.
On Register 1st Jan., 1958	47	39	86	15	8	23	109
Notified during year for first time	7	6	13	1	1	2	15
Removed from Register ...	—	—	—	—	—	—	—
Cases on Register, 31-12-58...	54	45	99	16	9	25	124

Section B.

GENERAL PROVISION OF HEALTH SERVICES

Maternity Home

During the year 1958, 182 children belonging to parents residing in the Borough were born in Castle Hills Maternity Home. This figure represents 64.30 per cent. of the total births allocated by the Registrar-General.

The following table shews the number of live births occurring at Castle Hills Maternity Home since the opening on 26th February, 1945.

	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	Total
Berwick Borough	57	133	136	157	158	139	132	155	161	159	148	165	185	182	2067
Alnwick District	5	24	24	16	28	20	33	8	6	2	2	3	7	10	188
Amble	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1
Belford and District	7	5	16	8	13	24	14	25	7	7	8	5	10	8	159
Birmingham	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1
Blyth	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1
Glendale	6	11	20	37	49	46	36	30	29	32	31	37	44	58	466
Lancashire	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1
Leeds	—	1	—	—	—	—	—	—	—	—	—	—	1	—	2
Morpeth	—	—	1	—	1	—	—	—	—	—	—	—	—	—	2
Newcastle	1	—	2	2	1	—	—	—	—	—	—	—	—	—	6
Norham & Islandshire R.D.C. ...	8	21	29	34	31	30	45	46	41	37	43	37	44	43	489
Scottish	13	7	14	10	27	32	41	31	46	53	51	61	64	74	524
Sheffield	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1
Surrey	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1
Yorkshire	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1
Sussex	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1
Leicester	—	—	—	—	—	1	—	—	—	—	—	—	—	—	1
Manchester	—	—	—	—	—	—	1	—	—	1	—	—	—	—	2
Westmorland	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1
Essex	—	—	—	—	—	—	—	1	—	—	—	—	—	—	1
Wallsend	—	—	—	—	—	—	—	1	—	—	—	—	—	—	1
Ireland	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1
Kirkby-Stephen	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1
Staffordshire	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1
Sunderland	—	—	—	—	—	—	—	—	—	1	1	—	—	—	2
Barnsley	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1
Middlesbrough	—	—	—	—	—	—	—	—	—	—	1	1	—	—	2
Buckinghamshire	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Durham	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Totals ...	97	203	246	265	310	294	303	297	293	292	286	309	357	375	3927

Section C.
Sanitary Condition of the Borough
PUBLIC WATER SUPPLY

The water supplies to the Borough continue to be adequate in quantity and of pure quality. Nine samples taken in 1958 were all satisfactory. The following results are representative of samples taken :—

Sample No.	Type	Supply sampled
1	Bacteriological	Main Supply, Parade.
2	Chemical	Murton Borehole.
3	Chemical	Thornton Borehole.

CHEMICAL RESULTS

	Sample Nos. 2	3
(a) Physical Examination :		
Temperature at source ...	48 degs. F	46 degs. F
Colour	Exceedingly pale yellow	
Appearance	Clear	
Taste	Satisfactory	
Smell	Satisfactory	
(b) General Chemical Examination :	parts per million	
Reaction pH	6.8	6.8
Free Carbon Dioide, as CO2	19.8	13.2
Ammoniacal Nitrogen, as N	None	0.03
Albuminoid Nitrogen, as N	Trace	Trace
Nitrious Nitrogen, as N ...	Trace	Trace
Nitric Nitrogen, as N ...	0.7	0.8
Hardness, as CaCo3		
(E.D.T.A. test)	140	148
Temporary	80	90
Permanent	60	58
Permanganate figure		
(4 hrs. 80 degs. F.) as O	0.2	0.2
Alkalinity, as CaCo3 ...	80	90
Total solids	204	187
(c) Mineral Analysis :		
Calcium, as Ca	26	31.2
Magnesium, as Mg	18	16.8
Sodium, as Na	13.2	10.2
Carbonate, as Co3	48.0	54
Chloride, as C1	30.2	32.0
Sulphate, as So4	41.2	26.7
Nitrate, as No3	3.1	3.5
Iron	0.1	0.1
Floride, as F...	0.15	0.1

BACTERIOLOGICAL RESULTS

Sample No.	Number of bacteria per millimetre (ml)	
	Visible on agar after 48 hours incubation at 37°C.	Visible on gelatine after 7[illegible] hours incubation at 21°C.
1	72	90

Coliform Organisms as shown by the production of acid and gas in MacConkey's Bile Salt Lactose broth after 48 hours incubation at 37°C.

	0.1 ml. of sample	1.0 ml. of sample	10 mls. of sample	100 mls. of sample
1	———	absent	absent	absent

No water mains were extended during the year.

The position regarding dwellings and water supplies is as follows :—

		No. of houses	Population
a)	Direct to house	4104	12,166
b)	By means of stand-pipe ...	125	371
c)	Other sources	28	83
			12,620

Sewerage.

There were no extensions to the sewerage during the year.

Prevention of Damage by Pests Act, 1949.

Survey of premises and Test Baiting of sewers revealed no major infestations of rodents. Inspection of all farms in the Borough proved that in practically all cases regular preventative measures are undertaken.

So far as sewers were concerned, one Test Baiting showed no "takes." The summary of result of two sewer treatments is set out below.

Sewer Treatments (two treatments)

No. of manholes baited and poisoned	53
No. of manholes showing "partial takes"	4
No. of manholes showing "complete takes" ...	1

Eight informal notices were served relating to rodent infestations and details of the two hundred and twelve visits to infested premises are as follows :—

Total number of visits to all premises where treatment was carried out	212
Number of private premises treated	44
Number of business premises treated	11
Number of Corporation premises treated	11
Number of agricultural premises treated	1
Number of agricultural premises surveyed	39

Factories Act, 1937.

No. of factories on the register at 31st December, 1958 ...	108
No. of mechanical factories	88
No. of non-mechanical factories	17
No. of building sites	3
Inspections carried out	47
Contraventions found	5
Informal notices served	6
Contraventions remedied	3
Certificates of means of escape in case of fire issued or renewed	3

The following list shows the types of factories registered :—

Aerated Water Works	1
Bakeries	4
Beer Bottling Works	1
Boat Builder's Yards	2
Boot Repair Works	4
Building Sites	3
Butchers' Shops	9
Cabinet and Upholstery Works	4
Chemical Manufacturing Works	2
Coffee Grinding Shop	1
Cycle Repair Shops	2
Dressmaking Shops	4
Electrical Repairs Shops	3
Engineering Works	4
Fish Curing Premises	3
Food Canning	1
Gas Works	1
Grain Preparing Premises	5
Gut Scraping	2
Ice Manufacturers	1
Iron Foundry	1
Knitwear Manufacturing Premises	1
Laundries	2
Locomotive Repair Shed	1
Malt House	1
Monumental Mason's Yards	2
Motor Vehicle Repair Shops	11
Photographers	1
Plumbers	4
Poultry Packers	1
Printers	4
Sail and Tent-making Premises	1
Sawmills and Joinery Shops	10

Skinnery	1
Slaughterhouses	5
Stevedores	1
Sweet Manufacturing Premises	1
Tailor's Shops	1
Tweed Weaving Premises	1
Weighing Machine Repairs	1
	108

Rag Flock and Other Filling Materials Act, 1951.

Number of premises registered under the Act	3

Complaints and Nuisances.

Number of complaints received	187
Number of complaints found on inspection to be unjustified	5
Number of visits following complaints and to nuisances ...	281

Number and variety of nuisances dealt with :—

Accumulations	7
Animals	9
Atmospheric pollution	12
Dampness	15
Drains defective or choked	14
House—general defects	23
Offensive smells	17
Rodents	38
Roofs leaking	5
Smoking chimneys	5
Spouts defective	4
Verminous, pest-infested premises	3
Water closets defective	2
Miscellaneous	24

TABULAR STATEMENT OF VISITS, INSPECTIONS, etc., BY THE PUBLIC HEALTH INSPECTOR AND STAFF

Visits and Inspections to :—

Complaints and Nuisances	281
Dairies	11
Diseases of Animals	1
Disinfections and disinfestations carried out	25
Factories	47
Fire escapes from hotels and factories	28
Food premises	135
Houses	287
Ice-cream premises	5
Offensive trades	11
Rodent-infested premises	212
Ships	8
Shops	57
Slaughterhouses—Meat Inspection	1289
Smoke observations	60
Tents, Vans and Sheds	28
Notices issued :	
Informal	83
Statutory	4
Notices complied with :	
Informal	81
Statutory	4
Notices outstanding ;	
Informal	26
Statutory	0

Section D.

HOUSING

Nine Demolition Orders and eleven Closing Orders were made in the year and six houses were included in a Clearance Area.

Progress on the five-year programme to close or demolish unfit houses continued during the year under review, 79 houses having been dealt with since 1955. Several of the remaining houses have been used for purposes other than housing or are not being re-let by the owers.

Improvement Grants were given in respect of six of the eight houses for which applications were received.

Altogether, 287 inspections were carried out by the staff, mainly in connection with the rehousing of families to Corporation houses. Visits were made to two dirty houses and on two occasions to an old person in need of care and attention.

The incidence of families sharing sanitary occommodation was, at the end of the year :—

2 families sharing a W.C.—No. of cases 220.	Families concerned	440
3 families sharing a W.C.—No. of cases 44.	Families concerned	132
4 families sharing a W.C.—No. of cases 12.	Families concerned	48
5 families sharing a W.C—No. of cases 1.	Families concerned	5

The total number of families sharing sanitary accommodation shows a decrease of 36 from 1957. There were a further 48 families still using pail closets or privy middens and 10 using chemical closets. Most of these latter cases are in rural areas.

Under the Rent Act, 1957, six certificates of disrepair were issued and subsequently cancelled on the completion of the necessary work.

Twenty-eight visits were made to moveable dwelling sites, where in the case of one site, inspections revealed that the number of caravans for which the site was licensed was being repeatedly exceeded. Improvements in facilities which would allow th increasing of the permitted number were notified to the owner, but no work had been undertaken by the end of the year.

Houses Erected 1921-57

	By Private Enterprise	By Local Authority	Prefabricated Tem. Houses	Total
1921	1	22		23
22	—	—		—
23	—	24		24
24	4	32		36
25	20	72		92
26	12	26		38
27	1	97		98
28	25	51		76
29	4	—		4
30	7	16		23
31	2	—		2
32	—	60		60
33	20	8		28
34	32	—		32
35	42	24		66
36	58	76		134
37	33	100		133
38	37	178		215
39	25	30		55
40	4	—		4
41-45	—	—		—
46	1	—	50	51
47	14	64	—	78
48	1	142	—	143
49	11	68	—	79
50	12	74	—	86
51	20	48	—	68
52	11	78	—	89
53	9	74	—	83
54	7	67	—	74
55	10	51	—	61
56	4	56	—	60
57	1	45	—	46
58	5	53	—	58
Totals	433	1636	50	2119

Section E.

INSPECTION OF FOOD AND FOOD PREMISES

The pattern of work under the Food & Drugs Act, 1955, followed closely on the lines of previous years, meat inspection accounting for much of the time spent administering this Act.

To the five slaughterhouses, 1289 visits were made to inspect meat, 99.7 per cent. of the number of animals killed being examined. Other food premises were inspected on 135 occasions ond 12 tons 19 cwts. 1 qtr. 16 lbs. of unfit foodstuffs were condemned. The number of slaughtermen licensed for 1958 was 31.

There was no change from previous years in the methods of disposal of unfit food and these appear to be safe and satisfactory.

It is disappointing to report that, although further negotiations took place during 1958, no material progress was made towards the erection of an up-to-date abattoir. Sufficient time has now elapsed to have thoroughly investigated the pros. and cons. of all aspects of the scheme. Now is the time for action before rising costs make it necessary to start again and go through the whole process. It is obvious that one day this essential service must be given and there is no time like the persent to face this fact and provide it.

Although no prosecutions under the Act were taken during the year, by inspections and informal notices, the standard of hygiene in food premises continued to improve. Facilities for the encouragement of hygienic practices of food-handlers, the cleanliness of premises and the protection of open foods were provided as required. Propaganda on the public health aspect of food supply was distributed to all premises concerned.

The number of food premises registered under Section 16, Food and Drugs Act, 1955, was :—

a)	For the sale, manufacture or storage of ice cream ...	34
b)	For the preparation or manufacture of sausages or potted, pickled, pressed or preserved foods	15
		49
	Number of inspections to registered premises	53

CARCASES INSPECTED AND CONDEMNED

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Total
Number killed (if known) ...	1135	163	5	42,772	2,071	46,146
Number inspected	1135	163	5	42,505	2,071	45,879
All diseases except T.B. and cysticercosis Whole carcases condemned ...	3	—	1	40	3	47
Carcases of which some part or organ was condemned ...	62	32	—	3,734	107	3,935
Percentage of the number inspected affected with disease other than tuberculosis and cysticercosis	5.73	19.63	20.0	8.88	5.31	
Tuberculosis only :— Whole carcases condemned ...	2	1	—	—	2	5
Carcases of which some part or organ was condemned ...	14	11	—	—	97	122
Percentage of the number inspected affected with T.B. ...	1.41	7.36	—	—	4.78	

Cysticercosis :	Cattle	Cows	Calves	Sheep	Pigs	Total
Carcases of which some part or organ was condemned	4	—	—	—	—	4
Carcases submitted to treatment by refrigeration	3	—	—	—	—	3
Generalised and totally condemned	—	—	—	—	—	—

Meat and Other Foods Condemned

Beef (Home Killed)	Stones	395
Beef (Imported)	,,	—
Mutton (Home Killed)	,,	319
Mutton (Imported)	,,	—
Pork	,,	146
Poultry	lbs.	3568
Fish	,,	—
Fruit	,,	—
Canned Goods	Tins	368
Bacon and Ham	lbs.	26
Cheese	,,	11
Potatoes	Stones	738
Crab-fish	lbs.	1312
Prawns	,,	882

Milk and Dairies Regulations, 1949-54.

Although two new premises were registered during 1958 for the sale of ice cream two other registered premises closed, leaving the total as before at 34. Only four of the registered premises actually manufacture this commodity. Generally the Regulations were well observed.

Visits made under these Regulations numbered five and 49 samples were taken with the following results:—

Grade 1	31
Grade 2	8
Grade 3	5
Grade 4	5

Milk and Dairies Regulations, 1949-54.

By systematic sampling and periodic visit the provisions of the above Regulations are administered. A total of 11 inspections were made and three notices served. Nothing of outstanding note calls to be reported upon for 1958 in relation to the eight registered premises.

Licences issued for the sale of designated milks were as follows :—

Tuberculin Tested	2
Tuberculin Tested (Pasteurised)	6
Pasteurised	6
Sterilised	6

Sampling.

Tuberculin Tested Milk—Methylene Blue Test :—

Number of samples sent to Public Health Laboratory ...	35
Number satisfying test	29
Number failing to satisfy test	6

Pasteurised Milk—Phosphatase Test and Methylene Blue Test :—

Number of samples taken	6
Number satisfying Phosphatase Test	6
Number satisfying Methylene Blue Test	6

Milk Bottles—

Number of bottles sent for examination	20
Number satisfactory	15
Number fairly satisfactory	3
Number unsatisfactory	2

Clean Food Administration.

The number and type of food premises in the Borough is as follows :—

Aerated Water Manufacturers	2
Bakeries	4
Bakers' Shops	14
Butchers' Shops	14
Cafes and Snack Bars	11
Confectioners' Shops	15
Dairies	8
Fish and Chip Shops	10
Fish Merchants	11
Food Packers	2
Fruiterers and Greengrocers	12
Grocers	33
Hotels	12
Ice Cream Factories	4
Licensed Clubs	4
Public Houses	28
School Kitchens	5
Slaughterhouses	5
Sweet Manufacturers	1
Wholesale Dealers and Warehouses	5
Total	200

Clean Air Act, 1956

Observations under this Act were increased from the previous year, in all, 60 being made. Following personal approach and informal notice two industrial firms have decided to use alternative smokeless methods of firing for the purposes of steam raising.

Public Health (Ships) Regulations, 1952.

Lists of areas where infectious disease is prevalent continue to be sent to the Customs Officer, Harbour Commissioner and the local Shipping Agents and there are Standing Orders in force for dealing with any "infected" or "suspected" vessel should the occasion arise.

Summarised below is the traffic of the Tweed Dock and tne activities of the department in this direction.

Ships from	No.	Tonnage	Number inspected by M.O.H.	by P.H.I.	No. of Ships reported as having had during the voyage, infectious disease on board
Foreign Ports	39	6,877	—	8	Nil
Coastwise ...	22	4,662	—	—	Nil
Total	61	11,539	—	8	Nil

Passenger Traffic—

Number of Passengers Inward ... ... Nil
Number of Passengers Outward ... ... Nil

Cargo Traffic—

Principal Imports—Timber, Petroleum, Potash, Nitro Shell Fertiliser. Basic Slag, Phosphates, Esparto Grass, Cement.
Principal Exports—Nil.

Principal Ports from which ships arrive — Antwerp, Rotterdam, Ghent, Sandvik, London, Saltend.